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Dated: May 1, 2007

Signature: 

(Maria Laccotripe Zacharakis, Ph.D., J.D.)

Docket No.: BGI-126CPCN  
(PATENT)**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of:  
Markus Pompejus *et al.*

Application No.: 10/781014

Confirmation No.: 2283

Filed: February 17, 2004

Art Unit: 1652

For: *Corynebacterium Glutamicum* Genes Encoding  
Proteins Involved in Carbon Metabolism and  
Energy Production

Examiner: Fronda, Christian L.

MS AF  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**SECOND AMENDMENT AND RESPONSE TO FINAL OFFICE ACTION**

Dear Sir:

This communication is responsive to the Final Office Action dated October 4, 2006 (Paper No. 20060929) and is being filed pursuant to the telephonic interviews with the Examiner on April 12, 2007 and May 1, 2007.

Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this paper.

Remarks begin on page 6 of this paper.